

Date: Fri, 22 Jan 93 07:10:04 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #93
To: Info-Hams

Info-Hams Digest Fri, 22 Jan 93 Volume 93 : Issue 93

Today's Topics:

 2m/70cm antenna
 <None>
How to find the answers to frequently-asked questions about Ham Radio
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 Kenwood tm-732 mod/functions
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 NEED HELP FINDING OLD CALLSIGN
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 The 220 MHz debacle.
 Through-the-glass antennas (2 msgs)
 USCG cw changes
 Where can I find FAQ or US Licensing info?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 22 Jan 93 03:10:19 GMT
From: gatech!destroyer!fmsrl7!lynx.unm.edu!umn.edu!kksys.com!edgar!brainiac!moron!
chrisc@uunet.uu.net
Subject: 2m/70cm antenna
To: info-hams@ucsd.edu

dave@eram.esi.COM.AU (Dave Horsfall) writes:
> A genuine J-pole, or a Slim Jim [tm] ? The latter is often called the
> former, to avoid petty trademark arguments. And how come the venerable

> Slim Jim (a folded J pole, or an end-fed folded dipole) is never mentioned
> in USA publications?

I don't believe I've ever seen the Slim Jim mentioned ever since being over here (~6.5 years). That may well be because the SJ and SJ2 design's were initially published in Practical Wireless, and I don't think that that magazine is available in the US (at least, not in the Midwest at B. Dalton's which is possibly the most prevalent bookstore chain in the area). Of course, it could also be the NIH syndrome.

That is a shame because for a vertical omni they do work pretty well, although finding a good matching point on the 1/4 wave transformer can take a little patience.

Chris W0/G4JEC

* NIH - Not Invented Here

--

73 Chris Cox W0/G4JEC

chrisc@biggus.g4jec.tcman.ampr.org chrisc@biggus.moron.vware.mn.org
Eleventh Hour Contest Group - North American Chapter; Minneapolis, MN
Twin Cities Metro Area Network node (biggus.g4jec.tcman.ampr.org)

Date: 21 Jan 93 22:53:43 CST

From: cs.utexas.edu!uwm.edu!ux1.cso.uiuc.edu!moe.ksu.ksu.edu!engr.uark.edu!
mbox.ualr.edu!eivax.ualr.edu!hudson@uunet.uu.net

Subject: <None>

To: info-hams@ucsd.edu

--

I have an old Yaesu FT-101EE which has served me well for about 12 years now, with all still going strong EXCEPT the finals (6JS6C). I have spent quite some time looking for replacements of these tubes, since the Yaesu was set up for the Japanese (NEC) variety. They are different from the "American" made tubes, or at least type tubes. "American" tubes won't neutralize in the circuit as is. I have heard many radio shop technicians talk about changing the circuit to allow using "American" tubes, but I have not been able to find a set of plans, directions, or even someone willing to talk about it.

Does anyone out there know something about changing the FT101 neutralization circuit? Please respond via E-Mail, since I sometimes don't get to keep up with posts to the group.

Keith

Keith Hudson hudson%eivax@ualr.edu (best)
N5EEZ mkhudson@ualr.edu (secondary)

University of Arkansas at Little Rock
Department of Electronics and Instrumentation

Date: 22 Jan 93 11:09:06 GMT
From: charon.amdahl.com!amdahl!uts.amdahl.com@uunet.uu.net
Subject: How to find the answers to frequently-asked questions about Ham Radio
To: info-hams@ucsd.edu

Posted-By: auto-faq 2.4

How to find the Rec.radio.amateur.misc Frequently Asked Questions list

This article will tell you how to find the answers to frequently-asked Questions (FAQ) from rec.radio.amateur.misc. The FAQ articles are posted on the 7th of each month. This article is posted on the 22nd of every month as a reminder for where to find the FAQ.

The FAQ articles are intended to summarize some common questions on the rec.radio.amateur.misc newsgroup and Info-Hams mail list as well as to help beginners get started.

Besides the monthly posting, the FAQ is always available via anonymous FTP and from e-mail servers. This article contains instructions for obtaining a copy of the FAQ. It also contains the table of contents from the FAQ so that you know which questions are covered by it.

Please provide a copy of the FAQ to any new or soon-to-be Hams you know.

Regular FAQ postings can help save network bandwidth and maintain a good signal-to-noise ratio in the newsgroup. However, they can't do it alone - you, the reader, have to use them. If you are a new user, please print and review the FAQ articles and look at the instructions in the news.newusers newsgroup before posting any articles. If you are an experienced user, please help by refraining from answering frequently-asked questions on the newsgroup if they are already answered by the FAQ articles. Instead, send e-mail to the user who asked the question. (It will be helpful if you include the part of the FAQ that answers their question, but not the whole thing.)

--How to obtain a current copy of the FAQ-----

There are 3 ways to obtain a copy of the FAQ.

- 1) NetNews
- 2) Anonymous FTP
- 3) An Electronic Mail Server

Option #1: NetNews

If you are familiar enough with NetNews to look through previous articles on your system, Option #1 above may be the easiest for you. The FAQ is posted so that it should not expire from your site's news spool until the next one is posted. Unfortunately, some news administrators do not honor the expiration dates meant to preserve the FAQ. If the FAQ has expired at your site, try Option #2 (and ask your news administrator to honor expiration dates for articles cross-posted to news.answers if he/she can.)

Option #2: Anonymous FTP

Anonymous FTP uses the File Transfer Protocol. It is only available to sites which are directly connected to the Internet. If you don't know how to use FTP and can't find a friend to help you, continue to Option #3. If your site is not connected to the Internet, you should also continue to Option #3.

The following sites have copies of the FAQ:

site name & address	path to FAQ articles
-----	-----
ftp.amdahl.com (129.212.11.1)	pub/radio/amateur/faq.[1-6].Z
ftp.cs.buffalo.edu (128.205.32.9)	pub/ham-radio/faq_ham_[1-6]
pit-manager.mit.edu (18.172.1.27)	pub/usenet/news.answers/ham-radio-faq/part*

Remember, when connecting to the remote system, use the login name of "anonymous" and, as a courtesy to the site administrators, your e-mail address for the password.

Option #3: Electronic Mail Server

If you can't use Options 1 or 2, your only remaining option is electronic mail. You can retrieve a copy of the FAQ by sending a message to
mail-server@pit-manager.mit.edu

The body of your mail will contain a command for the mail server software. To get all of the FAQ (consisting of 70K of e-mail in 3 parts), place the following in the subject of your message:
send usenet/news.answers/ham-radio-faq/*

To obtain just one part, substitute the part number for the "1" in the following example:

send usenet/news.answers/ham-radio-faq/part1

Leave out the subject of your message because the mail server will ignore it.

--- begin sample mail message ---

To: mail-server@pit-manager.mit.edu

From: me@here.org

Date: Mon Aug 14 22:27:33 PDT 1995

send usenet/news.answers/ham-radio-faq/*

--- end sample mail message ---

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- ** Where can I take the tests? (pre-4/92)
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- ** Where can I find Ham Radio information with a computer? (11/92)
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 - * The Internet File Transfer Protocol (FTP) (1/93)
 - * Access to FTP archives via electronic mail (1/93)
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- ** What magazines are available for Ham Radio? (pre-4/92)
- ** How do I use the incoming and outgoing QSL bureau? (11/92)
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- ** Where can I get ham radio software for my computer? (4/92)
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- ** What is the best way to learn Morse Code? (10/92)
- ** What is the standard for measuring Morse code speed? (pre-4/92)
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- ** Did you know that you can get college credit for being a ham? (pre-4/92)
- ** On what frequencies do JPL and GSFC retransmit the shuttle audio? (10/92)
- ** Can I take my HT on an airplane and operate it if I get the permission of the captain? (4/92)
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- ** Is there any information on antique radios? (pre-4/92)
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- ** What do I need to get started in packet radio? (5/92)
- ** What do I need to get started in satellite communications? (pre-4/92)
- ** What is available to get started in ATV, SSTV and WEFAX? (5/92)
- ** What are these contests I sometimes hear, and how do I participate? (7/92)

--Submitting changes for the FAQ-----

If you have comments or updates for the FAQ, send e-mail to
hamradio-faq@uts.amdahl.com

This will send mail to all the people on the FAQ editorial review group.

Date: 22 Jan 93 03:36:18 GMT
From: bobsbox.rent.com!s4mjs!kc2wz!bob@RUTGERS.EDU
Subject: HTs at Disneyland
To: info-hams@ucsd.edu

> Original poster writes:

>
> >I had heard that some amusement parks don't allow any sorts of
> >radios (including pagers) because gangs use them for whatever
> >activities they have planned.
>
> >I would hate to have to leave the hts with Disney security for a day
> >sooooo... has anyone done this recently?
>
> There are no such restrictions. In fact, those of us with the
> Disneyland Amateur Radio Club invite you to make use of the local
> repeater. It's mounted on the roof of one of the towers of the
> Disneyland Hotel on 146.94 (input -600KHz, PL 131.8). Use the repeater
> as needed, or use simplex within the park when possible.

Okay that settles the question for Disneyland now about some info on Disney
World in Florida?

--
Bob Billson, KC2WZ | internet: bob@kc2wz.bubble.org
\$nail: 21 Bates Way, Westfield, NJ 07090 | uucp: ...!uunet!kc2wz!bob

"Professional ear piercing--while you wait!" --sign in local jewelry store

Date: Thu, 21 Jan 1993 14:59:07 GMT
From: elroy.jpl.nasa.gov!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!ciss!law7!jra@ames.arpa
Subject: Kenwood tm-732 mod/functions
To: info-hams@ucsd.edu

gallaghe@gdc.com (Robert Gallagher) writes:

>I just purchased a Kenwood TM-732 dual band mobile transceiver and was wondering
>if anyone was aware of any mods. or hidden functions this radio may have. I
>do have the mod for extended trans. and 800MHz receive if anyone needs these I
>can supply the information.

I also just bought a TM-732. My joy at this tiny radio dimmed a whole lot when I discovered that along with (and probably because of) the most sensitive receiver I've ever seen, it's also the most prone to intermod and/or overload.

The damn thing is unusable in an urban environment -- I'm not talking about a bit of grunge when sitting right under the local tower farm, I'm talking about full-scale pager grunge in places where my dual-band Alinco HT doesn't hear a peep.

My dealer talked to Kenwood and apparently it's simple to reduce the high band RX sensitivity by a dB or so, and get about 3dB improvement in dynamic range, but I'm not sure 3dB will make enough difference. We're investigating whether we can drop the sensitivity a bit more to get 10dB or so improvement in dynamic range. That's not a big problem -- the radio out of the box is .15uV for 12dB SINAD, so it can afford to lose a bit of sensitivity in exchange for usability.

Apart from this very significant problem, the radio is great.

Anyone else experience this intermod/overload problem, or cure it?

--

John R. Ackermann, Jr.	Law Department, NCR Corporation, Dayton, Ohio
(513) 445-2966	John.Ackermann@daytonoh.ncr.com
Packet Radio: ag9v@n8acv.oh	tcp/ip: ag9v@ag9v.ampr [44.70.12.232]

Date: 22 Jan 93 14:34:03 GMT
From: crdgw1!rdsunx.crd.ge.com!crd.ge.com!mallick@uunet.uu.net
Subject: Marge Simpson's sister is a ham!
To: info-hams@ucsd.edu

I don't know how many of you caught "The Simpsons" last night, but during one scene when Marge's cigarette-puffing, Gorgon-like sister is lamenting her lonely life and lack of a child, she says something like "I still have my ham radio". The picture shifts to a radio with a zillion knobs with some foreign-sounding voice coming out of the speaker; the translation sub-title said "I have a ham radio."

Is this ARRL-approved advertising? :-)

--

John A. Mallick WA1HNL
GE Corporate Research and Development
Schenectady, NY 12301

Date: Fri, 22 Jan 1993 06:05:05 GMT
From: nwnexus!ole!ssc!markz@uunet.uu.net
Subject: Meteor Scatter CQ W30TC (Was Re: Radio/Satellite Tracking)
To: info-hams@ucsd.edu

Gary Coffman (gary@ke4zv.uucp) wrote:
: In article <9301181210.aa09774@ingate.microsoft.COM> a-kevinp@microsoft.COM
(Kevin Purcell, Rho) writes:
: >Any hams doing [Meteor Scatter?]

: There's a W0 named Ralph, he's an AMSAT mover and shaker, who has done
: experiments with this system. A friend of mine in Indianapolis and I
: have talked about setting up a 6 meter packet system and just pinging
: away to test the idea, but nothing has come of it as yet.

W30TC, Robert Carpenter, (who is on the net from NIST), wrote an article
in QEX several years back. Comparing data rates between 6 meters and 2
using Ax.25.

: From what I've read, the average meteor trail lasts a few seconds, but
: there are thousands of them every day. A system has to be persistent to
: get through since there's no way of predicting when a meteor will lay
: a trail in the right place for your path, but data should move over the
: course of the day. This has seemed such an obvious replacement for HF
: BBS forwarding that I'm surprised no one is doing it on a regular basis.

One idea I had was to site the master station in the area that uses
TV channel 2 and use the video carrier for the beacon. Don't they
offset adjacent stations by 10 kHz on each channel so you could
monitor with a narrow band receiver.

Mark Zenier markz@ssc.wa.com

Date: 22 Jan 93 13:58:38 GMT
From: ogicse!uwm.edu!linac!att!cbnewse!parnass@network.UCSD.EDU
Subject: NEED HELP FINDING OLD CALLSIGN
To: info-hams@ucsd.edu

Stuart Tener said:

```
> In the future you can telnet to "callsign.cs.buffalo.edu 2000"
> and do callsign database lookups via your own terminal.
>
> there is also another database server: ham.njit.edu 2000
>
> both are accurate, though buffalo has newer software.....
> stuart b. tener  tener@cs.widener.edu  (215)-338-6005
```

The servers you mentioned won't help this guy answer his question about old callsigns from the 60s and 70s. The data doesn't go back that far but I wish it did.

None of my old callsigns are listed on the servers and I've been licensed continuously since 1965 (WN2TQK, WB2TQK, WD9CQM, ...) .

Also, some people *incorrectly* assume that you can tell how long a ham has been licensed from the data on these servers.

--

=====

Bob Parnass, AJ9S - AT&T Bell Labs - parnass@ihlpm.att.com - (708)979-5414

Date: 22 Jan 93 14:16:24 GMT
From: agate!doc.ic.ac.uk!uknet!gdt!aber!auj@ames.arpa
Subject: rsgr gb2rs news 17th november 1993
To: info-hams@ucsd.edu

> Subject: Re: rsgr gb2rs news 17th november 1993

Are the RSGB really going to like having their news published eleven months before they write it ?

Alun.

--

+-----+

Alun Jones, Computer Science Dept.	Email : auj@aber.ac.uk	
U.W. Aberystwyth, Wales	GW1URF (Packet coming soon!)	

+--Hi, I'm a signature Virus :-) Copy me into your sig to join in.--+

Date: 22 Jan 1993 04:02:27 GMT
From: ucselx!sol.ctr.columbia.edu!zaphod.mps.ohio-state.edu!
saimiri.primite.wisc.edu!usenet.coe.montana.edu!news.u.washington.edu!
stein.u.washington.edu!dbillon@network.UCSD.EDU
Subject: TH78, DJ580, ICW2 ...
To: info-hams@ucsd.edu

I am looking for a 2 meter/440 MHz handheld transceiver. Many of them seem to have problems because of the cellular phones (UHF band): intermod, desense..

Did someone try to compare them (in term of sensitiveness to these disturbances) ?

It is a well-known problem in France. I don't know if it is as important in the US ?

73, damien, FC1PLI. Please answer to dbillon@u.washington.edu

Date: 22 Jan 93 03:21:35 GMT
From: bobsbox.rent.com!s4mjs!kc2wz!bob@RUTGERS.EDU
Subject: The 220 MHz debacle.
To: info-hams@ucsd.edu

MUSCHINSKE%39A.DEcnet@scfb.chinalake.navy.mil (39A::MUSCHINSKE) says:

>
>As if things weren't bad enough! Here is a section from the editorial
>of Don Bishop in the January 1993 issue of Mobile Radio Technology.
>
>" 220MHz: waiting, waiting...

[stuff zapped]

> Maybe by the time you read this, the first permits will have been issued.
>And maybe not. Truly, the matter of 220MHz licenses is a waiting game."
>
>
>And to think the FCC didn't have a plan when it took away 220-222 MHz ;-(!

We hams didn't have much of a plan either or we would not have lost it. Use it or lose it! With the recent thread on 70 cm close repeaters in mind how many of us are watching out for our microwave bands? I hope we don't expect the ARRL to come to our rescue. No slight of the ARRL intended here. Seems too many hams have the attitude that "the League will save it for us" instead adding our voices to the Leagues. Bet the FCC got more comments about the no code proposal than the lose to 220-222. <sigh>

Bob

--

Bob Billson, KC2WZ | internet: bob@kc2wz.bubble.org
\$nail: 21 Bates Way, Westfield, NJ 07090 | uucp: ...!uunet!kc2wz!bob

"Professional ear piercing--while you wait!" --sign in local jewelry store

Date: Fri, 22 Jan 1993 10:49:41 GMT
From: news!dog.ee.lbl.gov!overload.lbl.gov!agate!spool.mu.edu!tulane!rouge!
jab0684@network.UCSD.EDU
Subject: Through-the-glass antennas
To: info-hams@ucsd.edu

Speaking of Larsen antennas, I was the proud owner of a larsen KG 2/70 on glass dual bander. After carefully cleaning my outside glass, and mounting the whip. I was impressed with it's performance, repeater's I couldn't hit with 5 watts out of my ht's rubber duck, were fully quieted with only 220 milliwatts. I gave the antenna all day to sit/set before driving off. Well my love affair was very short lived. After driving about 1 minute at just under 60 mph., the whip promptly flew off of the car and with a clang apparently bounced into a large ditch, covered with 2 foot weeds and night. Now this antenna was bought from a friend who never used it, after he called the supplier they wouldn't refund cause it had been too long since purchase. Larsen would not help, they say no one else has had this problem. But as post 30627 shows, they are LYING. I recommend avoiding this antenna and all other Larsen on glass products, because if it fails they will probably stick you as well.

Ah, I feel much better after getting that off my chest, if they won't refund my \$\$, at least maybe I can cost them a little
8)

73's DE kb5udf
s

Date: Thu, 21 Jan 1993 22:28:05 GMT
From: decctrl!news.crl.dec.com!dbased.nuo.dec.com!nnTPd.lkg.dec.com!
nnTPd2.cxo.dec.com!star.enet.dec.com!kenney@decwrl.dec.com
Subject: Through-the-glass antennas
To: info-hams@ucsd.edu

Forrest Kenney, kenney@star.dec.enet.com
N1MVF

```
gary@ke4zv.uucp (Gary Coffman) says:
>>U.S. COAST GUARD TO DISCONTINUE WATCHKEEPING ON THE DISTRESS
>>FREQUENCY 500 KHZ AND CEASE ALL MORSE CODE SERVICES
>>
>>Effective August 1, 1993, all United States Coast Guard
>>Communication Stations and Cutters will discontinue watchkeeping on
>>the distress frequency 500 KHZ, and will cease all morse code
>>services in the medium frequency radiotelegraphy band. More
>                                     ^^^^
>>efficient telecommunication systems are now available to provide
> ^^^^^^^^^^
>>the mariner with options for initiating or relaying distress
>>alerts, and passing and receiving maritime safety information.
>
>
>heh heh
```

(Lots of :-) for the humor impaired.)

Bob

--

Bob Billson, KC2WZ | internet: bob@kc2wz.bubble.org
\$nail: 21 Bates Way, Westfield, NJ 07090 | uucp: ...!uunet!kc2wz!bob

"Professional ear piercing--while you wait!" --sign in local jewelry store

Date: 22 Jan 93 08:30:36 GMT
From: pa.dec.com!rdg.dec.com!irnbru.enet.dec.com!ralexander@decwrl.dec.com
Subject: Where can I find FAQ or US Licensing info?
To: info-hams@ucsd.edu

Hi hope you can help.

I have a non-licenced friend in the San Francisco area who is interested in Ham Radio and would like to know how he can go about getting a license. I'm not too familiar with the licensing system in the states,

can anyone help ?

Does the FAQ cover this ? if so is there an archive site for it?

Thanks

Robin Alexander

ampr : gm4yed@gb7san.gb.eu
internet : ralexander@irnbru.enet.dec.com

Entry Level Systems Product Business Unit,
Digital Equipment, Scotland.
+44 292 266955

End of Info-Hams Digest V93 #93
